

**ADAMTS15 Antibody (C-term) Blocking Peptide**

Synthetic peptide

Catalog # BP9256b

**Specification**

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**ADAMTS15 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession

[Q8TE58](#)**ADAMTS15 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 170689

**Other Names**

A disintegrin and metalloproteinase with thrombospondin motifs 15, ADAM-TS 15, ADAM-TS15, ADAMTS-15, 3424-, ADAMTS15

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9256b](/products/AP9256b) was selected from the C-term region of human ADAMTS15. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ADAMTS15 Antibody (C-term) Blocking Peptide - Protein Information**

Name ADAMTS15

**Function**

Metalloprotease which has proteolytic activity against the proteoglycan VCAN, cleaving it at the 'Glu-1428-|-1429-Ala' site. Cleaves VCAN in the pericellular matrix surrounding myoblasts, facilitating myoblast contact and fusion which is required for skeletal muscle development and regeneration.

**Cellular Location**

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P59384}. Cell surface {ECO:0000250|UniProtKB:P59384}

**Tissue Location**

Expressed in fetal liver and kidney, but not in any of the adult tissues examined.

### **ADAMTS15 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **ADAMTS15 Antibody (C-term) Blocking Peptide - Images**

### **ADAMTS15 Antibody (C-term) Blocking Peptide - Background**

ADAMTS15 encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS15 family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains.

### **ADAMTS15 Antibody (C-term) Blocking Peptide - References**

Viloria,C.G., et.al., Cancer Res. 69 (11), 4926-4934 (2009)Porter,S., et.al., Int. J. Cancer 118 (5), 1241-1247 (2006)